

Video feedback in skills education

10 reasons why

A white paper by Noldus Information Technology

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10 reasons why video is essential in skills education

Soft skills are applied by every professional, in any working area, every day. Whether it is a nurse who has an anamnesis conversation, a business expert who gives a presentation about the measures to be taken, or a logistics manager who is discussing how the flow of goods can run more effectively, they must all be able to rely on their communication skills.

Learning these skills starts at the students' education. As a teacher at a graduate school, you support them with this. The curriculum contains learning objectives that relate to conversation techniques (such as listening, asking questions, summarizing), working together (taking the lead or being able to take assignments), pitching, discussing, negotiating, and influencing.

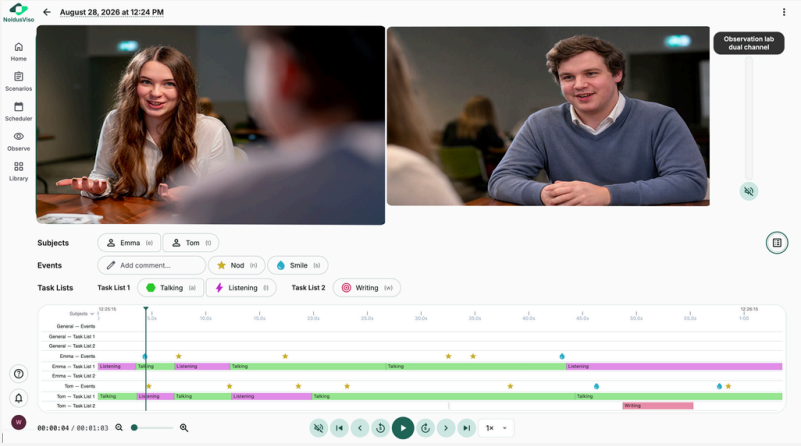


Practice makes perfect, capture this on video!

The skills can be learned in many different ways. For example, participating in role-play activities, carrying out simulation training, and by giving students assignments that require a presentation. Regular practice is necessary in order to master these skills.

The feedback that the students then receive about their performance should ensure that the skills improve and develop. It gives the students enough confidence that they will soon be able to apply these skills as a professional.

Video feedback is a unique tool in this.



NoldusViso for video feedback

NoldusViso has been developed to record and play back scenarios, training sessions and role-plays in a simple way. Both after and during the recording of the video, markers can be placed at moments that are of interest and important for the learning process, with the simple press of a button. It is up to the user to determine which markers he/she chooses. NoldusViso is able to record in multiple rooms at the same time.

The actions, behaviors, and interactions of the students are recorded and can be assessed. This allows students to learn new skills and improve already existing skills.

Benefits for the student's learning process



01 Personal

Feedback based on video makes the learning process much more personal. As a result, students respond with more understanding and motivation. It is all about themselves, they are central. They view their own actions and reactions and recognize what they are doing and saying. The feedback is tailored to their own personal behavior, which increases involvement.

02 Goal oriented

Preset personal goals can be coded and marked by the teacher (or fellow student) while recording the video, making it quick and easy to discuss and assess them during the review session.

03 Objective

Video feedback helps students to objectively understand their strengths and weaknesses. What went well and what could be improved? Because it is recorded, they cannot ignore the facts. Afterwards they do not always remember that they made certain comments, asked questions, or showed specific behaviors. The video helps them remember it. The possibility to play the images repeatedly is a big advantage. Students can make a detailed analysis and get started right away. The results of the debriefing are translated into actions.



04 Motivating

The students can see with their own eyes that certain actions or behaviors went well and, for example, triggered a positive reaction. This strengthens confidence in one's own abilities and ensures a positive self-image.
It motivates the students to elaborate and leads to them showing this positive behavior more frequently.

05 Unobtrusive

Using video recordings, rather than an observer present in the same room, makes students feel more comfortable. Although there is a camera that records everything, it still feels less threatening and they can behave more freely. In addition, they can better focus on the skills they practice.



06 Enhances learning effect

Video feedback is an effective method by which one can learn and improve important skills. Please note that debriefing is an essential part. The learning effect is not strong enough with just viewing the recordings. It is particularly important to discuss the goals that were set in advance. The student will then receive sufficient instructions to pay attention and not be distracted by side issues.

Advantages for the teacher / training manager

07 Time saving

Video recording saves time, and therefore also saves money. The NoldusViso software system offers the possibility to record in several rooms at the same time, allowing sessions to take place in parallel. Video processing is quick and easy, videos can be played back right after recording, and no time to load is needed. In addition, there is no need to manually send videos back and forth to different students. Because students have their own login, they can access their own videos directly.

08 Take exams

The ability to record sessions is a good tool for administering tests. Students can start and stop recording themselves, a teacher does not have to be present. The teacher immediately has access to the recordings. Co-writing is a thing of the past when assessing the recordings. This is much easier with the use of markers.

09 Innovative

This active form of learning will improve the quality of skills education. Students learn more from the lessons and training sessions because the feedback was personal and goal-oriented. They are better equipped with the necessary soft skills for their further professional career.

10 Up-to-date

Nowadays, students grow up with video. They watch YouTube, TikTik, or Instagram videos endlessly and they make their own videos to share via social media. This makes the use of video for the largest group of students the most normal thing in the world. Learning and improving skills by watching videos is second nature. Video is here to stay.

Real world customer success stories

AIXTRA - Competence center for training and patient safety



Simulation training for medical education

At AIXTRA in Aachen, Germany, they're passionate about preparing the next generation of healthcare professionals through innovative and hands-on medical teaching. Their state-of-the-art skills lab isn't just for medical students, it's a dynamic training ground for aspiring dentists, midwives, psychologists, nurses, and physiotherapists.

Here, students improve their skills and build the confidence they need to succeed in their future roles, whether in hospitals or other healthcare settings.

What started as a modest initiative — a single room with just a few basic training tools like rubber arms for vein puncture and a mannequin — has now grown into one of Germany's most advanced simulation labs. Today, AIXTRA has multiple simulation rooms, comprehensive debriefing spaces, and a dedicated control room equipped with Viso, all designed to create a realistic learning environment.

"An important part of simulation training is that it takes place in a safe environment."
Lina Vogt - Medical director AIXTRA



Debriefing: where the learning takes place

Students receive feedback during debriefing, the part of simulation training where the actual learning takes place. The scenerios are talked through with the trainer and peer students after each session. With the use of Viso, the audiovisual recording tool, trainers are able to show students how they behaved during the session and whether they achieved the goals they defined beforehand.

story →

Delaware Valley University - Counseling psychology lab



A dedicated counseling psychology lab

In the Counseling Psychology program at Delaware Valley University in Doylestown, PA, USA, students specialize in either child and adolescent counseling, or social justice community counseling. Throughout their training, graduate students are continually engaged in counseling, outreach, and advocacy.

Multi-room, fully-equipped training space

The Viso lab is a cornerstone of the program. It allows the faculty and trainers to record all sessions, particularly the mock counseling sessions, carried out in the facility. The faculty is able to easily record from any room in the training facility, at any time, even while sessions are occurring in other rooms at the same time.

Skill-based courses are highly interactive and held in the lab, where students role-play, practice, and learn through hands-on experience. These practice sessions can be observed, recorded and reviewed to provide authentic feedback and growth opportunities. Being able to provide immediate feedback is of utmost importance in training the counseling psychology students.

It's a great space to learn by doing and to develop confidence and clinical skills.

"Our goal was to develop a great clinical space where we could train our undergraduates and our graduates in counseling techniques and be able to give them the skills and the real-time feedback about how to develop competent counseling skills.

Dr. Audrey Ervin - Delaware Valley University

story →

References

- https://www.learningliftoff.com/how-teachers-video-feedback-canimprove-student-performance/
- Mahoney, P.; Macfarlane, S. & Ajjawi, R. (2018). A qualitative synthesis of video feedback in higher education. Teaching in Higher Education, 24 (2). https://doi.org/10.1080/13562517.2018.1471457
- Kam, B.; Yune, S.; Lee, S.; Im, S. & Baek, S. (2019). Impact of video feedback system on medical students' perception of their clinical performance assessment. BMC Medical Education, 19 (252). https://doi.org/10.1186/ s12909-019-1688-6
- Fukkink, R.G.; Trienekens, N. & Kramer, L.J.C. (2010). Video-feedback in opleiding en training: Leren in beeld gebracht.

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